

Amendments to the Claims:

This listing of claims replaces all prior versions and listing of the claims in the present application:

Listing of Claims:

B/ 1. (currently amended) A radio communication system comprising a base station and a mobile terminal, said base station transmitting a data signal to said mobile terminal through a forward channel and transmitting one of a first power control signal indicating the positive of a received signal from said mobile terminal and a second power control signal indicating the negative of said received signal in accordance with the positive or negative of said received signal, said mobile terminal transmitting the data signal to said base station through a first reverse channel indicating an existing traffic channel and a second reverse channel indicating a traffic channel added for data communication and controlling an operation to increase a transmission power of the data signal to be transmitted to said base station when said second power control signal is received;

wherein said mobile terminal comprises:

a receiving unit for receiving said first and second power control signals;

a transmission power control unit for controlling a power of the transmission signal of said first and second reverse

~~channel~~ channels based on said first and second power control signals which are received by said receiving unit; and

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a transmission control unit for monitoring whether or not a value of said transmission power controlled by said transmission power control unit exceeds a predetermined maximum value, counting a number of the second power control signals sequentially received by said receiving unit when said transmission-power value has reached said maximum value, and transmitting the data signal to said base station only through said first reverse channel when said transmission-power value reaches said maximum value and said second power control signal is continuously received for a predetermined time, and a counted value of the number of the second power control signals exceeds a predetermined threshold.

2. (original) A system as claimed in claim 1, wherein said first power control signal has a power control bit "0" and said second power control signal has a power control bit "1".

3. (original) A system as claimed in claim 2, wherein said receiving unit has a power control bit reading unit for reading said power control bits "0" and "1".

4. (original) A system as claimed in claim 1, wherein said transmission control unit has a counter for counting the number of the second power control signals to be continuously received by said receiving unit, and transmits said data signal

only through said first reverse channel when a counted value of said counter exceeds a predetermined threshold.

5. (currently amended) A system as claimed in claim [[4]] 1, wherein said first reverse channel is a reverse fundamental channel and said second reverse channel is a reverse supplemental channel.

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6. (currently amended) A radio communication system comprising a base station and a mobile terminal, said base station transmitting a data signal to said mobile terminal through a forward channel and transmitting one of a first power control signal indicating the positive of a received signal from said mobile terminal and a second power control signal indicating the negative of said received signal in accordance with the positive or negative of said received signal, said mobile terminal for transmitting a data signal to said base station through a first reverse channel indicating an existing traffic channel and a second reverse channel indicating a traffic channel added for data communication and controlling an operation to increase a transmission power of the data signal to be transmitted to said base station when said second power control signal is received;

wherein said mobile terminal comprises:

a receiving unit for receiving said first and second power control signals;

a transmission power control unit for controlling a power of the transmission signal of said reverse channel based on said first and second power control signals which are received by said receiving unit; and

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a transmission control unit for monitoring whether or not a value of the transmission power controlled by said transmission power control unit exceeds a predetermined maximum value, counting a number of the second power control signals sequentially received by said receiving unit when said transmission-power value has reached said maximum value, and transmitting the data signal to said base station only through said first reverse channel when said transmission-power value reaches said maximum value and said maximum value of the transmission power is continuously detected for a predetermined time, and a counted value of the number of the second power control signals exceeds a predetermined threshold.

7. (canceled)

8. (currently amended) A system as claimed in claim [[7]] 6, wherein said first reverse channel is ~~an~~ a reverse fundamental channel and said second reverse channel is ~~an~~ a reverse supplemental channel.

9. (canceled)

10. (new) A mobile terminal in a radio communication system comprising a base station, said mobile terminal comprising:

a transmitting circuit which transmits a first reverse channel and a second reverse channel different from the first reverse channel through a reverse signal to the base station;

31 a receiving circuit, coupled to said transmitting circuit, which receives a power control signal directing to increase or decrease a transmission power of the reverse signal from the base station; and

a controller, coupled to said transmitting circuit, which controls the transmission power of the reverse signal transmitted by said transmitting circuit on the basis of the power control signal,

wherein said transmitting circuit stops transmitting the second reverse channel on the basis of the number of the power control signals, which increase the transmission power of the reverse signal, received by said receiving circuit while the transmission power of the reverse signal is maximum.

11. (new) A mobile terminal according to claim 10, wherein said controller counts a number of the power control signals, which increase the transmission power of the reverse signal, received by said receiving circuit while the transmission power of the reverse signal is maximum, said transmitting circuit

stops transmitting the second reverse channel when the number of the power control signals counted by said controller is larger than a predetermined number.

12. (new) A mobile terminal according to claim 10, wherein said controller detects the transmission power of the reverse signal, and starts counting the number of the power control signals, which increase the transmission power of the reverse signal, when said controller detects the transmission power of the reverse signal is maximum.

13. (new) A radio communication system comprising:

a base station and mobile terminal, wherein said mobile terminal transmits a first reverse channel and a second reverse channel different from the first reverse channel through a reverse signal to the base station;

said base station transmits a power control signal which directs to increase or decrease a transmission power of the reverse signal; and

said mobile terminal receives the power control signal, controls the transmission power of the reverse signal on the basis of the power control signal received, and stops transmitting the second reverse channel on the basis of a number of the power control signals, which increase the transmission power of the reverse signal, received while the transmission power of the reverse signal is maximum.

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14. (new) A radio communication system according to claim 13, wherein said mobile terminal counts the number of the power control signals, which increase the transmission power of the reverse signal, received while the transmission power of the reverse signal is maximum, and stops transmitting the second reverse channel when the number of the power control signals counted is larger than a predetermined number.

15. (new) A radio communication system according to claim 14, wherein said mobile terminal monitors the transmission power of the reverse signal, and starts counting the number of the power control signals, which increase the transmission power of the reverse signal, when said mobile terminal detects the transmission power of the reverse signal is maximum.
